

FORM PTO-1390 (Modified) (REV 11-2000)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER <b>101137-31</b>
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371			U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR <b>09/980,646</b>
INTERNATIONAL APPLICATION NO. <b>PCT/NL00/00268</b>	INTERNATIONAL FILING DATE <b>26 April 2000 (26.04.00)</b>	PRIORITY DATE CLAIMED <b>26 April 1999 (26.04.99)</b>	

TITLE OF INVENTION  
**Identification of Ligands for Orphan Receptors Using Mass Spectrometry**

APPLICANT(S) FOR DO/EO/US  
**Jan van der Greef; Hubertus Irth**


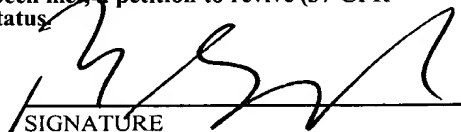
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☐ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☒ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☐ The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. ☐ A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☐ A copy of the International Search Report (PCT/ISA/210).

**Items 13 to 20 below concern document(s) or information included:**

13. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☐ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A change of power of attorney and/or address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
20. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
22. ☒ Certificate of Mailing by Express Mail
23. ☒ Other items or information:

**Copy of Notification of Missing Requirements**

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.53) <b>09/980,646</b>	INTERNATIONAL APPLICATION NO. <b>PCT/NL00/00268</b>	ATTORNEY'S DOCKET NUMBER <b>101137-31</b>																																																			
24. The following fees are submitted: <b>BASIC NATIONAL FEE ( 37 CFR 1.492 (a) (1) - (5) ) :</b> <input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... <b>\$1040.00</b> <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... <b>\$890.00</b> <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... <b>\$740.00</b> <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... <b>\$710.00</b> <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... <b>\$100.00</b> <div style="text-align: right;"><b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b></div>		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: left;">CALCULATIONS</th> <th style="text-align: left;">PTO USE ONLY</th> </tr> <tr> <td style="width: 80%;"></td> <td style="width: 10%; text-align: right;"><b>\$0.00</b></td> <td style="width: 10%;"></td> </tr> <tr> <td>Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492 (e)).</td> <td style="text-align: right;"><input type="checkbox"/> 20    <input type="checkbox"/> 30</td> <td></td> </tr> <tr> <td></td> <td style="text-align: right;"><b>\$0.00</b></td> <td></td> </tr> <tr> <td>CLAIMS</td> <td>NUMBER FILED</td> <td>NUMBER EXTRA</td> </tr> <tr> <td>Total claims</td> <td style="text-align: center;">11    - 20 =</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Independent claims</td> <td style="text-align: center;">2    - 3 =</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Multiple Dependent Claims (check if applicable).</td> <td style="text-align: center;"><input type="checkbox"/></td> <td></td> </tr> <tr> <td colspan="2" style="text-align: right;"><b>TOTAL OF ABOVE CALCULATIONS =</b></td> <td style="text-align: right;"><b>\$0.00</b></td> </tr> <tr> <td colspan="2"><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27). The fees indicated above are reduced by 1/2.</td> <td style="text-align: right;"><b>\$0.00</b></td> </tr> <tr> <td colspan="2" style="text-align: right;"><b>SUBTOTAL =</b></td> <td style="text-align: right;"><b>\$0.00</b></td> </tr> <tr> <td colspan="2">Processing fee of <b>\$130.00</b> for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492 (f)).</td> <td style="text-align: right;"><input type="checkbox"/> 20    <input type="checkbox"/> 30    +</td> </tr> <tr> <td colspan="2" style="text-align: right;"><b>TOTAL NATIONAL FEE =</b></td> <td style="text-align: right;"><b>\$0.00</b></td> </tr> <tr> <td colspan="2">Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable).</td> <td style="text-align: right;"><input type="checkbox"/> <b>\$0.00</b></td> </tr> <tr> <td colspan="2" style="text-align: right;"><b>TOTAL FEES ENCLOSED =</b></td> <td style="text-align: right;"><b>\$0.00</b></td> </tr> <tr> <td colspan="2"></td> <td style="text-align: right;">Amount to be: refunded \$</td> </tr> <tr> <td colspan="2"></td> <td style="text-align: right;">charged \$</td> </tr> </table>	CALCULATIONS		PTO USE ONLY		<b>\$0.00</b>		Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492 (e)).	<input type="checkbox"/> 20 <input type="checkbox"/> 30			<b>\$0.00</b>		CLAIMS	NUMBER FILED	NUMBER EXTRA	Total claims	11    - 20 =	0	Independent claims	2    - 3 =	0	Multiple Dependent Claims (check if applicable).	<input type="checkbox"/>		<b>TOTAL OF ABOVE CALCULATIONS =</b>		<b>\$0.00</b>	<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27). The fees indicated above are reduced by 1/2.		<b>\$0.00</b>	<b>SUBTOTAL =</b>		<b>\$0.00</b>	Processing fee of <b>\$130.00</b> for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492 (f)).		<input type="checkbox"/> 20 <input type="checkbox"/> 30    +	<b>TOTAL NATIONAL FEE =</b>		<b>\$0.00</b>	Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable).		<input type="checkbox"/> <b>\$0.00</b>	<b>TOTAL FEES ENCLOSED =</b>		<b>\$0.00</b>			Amount to be: refunded \$			charged \$
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a. <input type="checkbox"/> A check in the amount of _____ to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. <b>14-1263</b> in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <b>14-1263</b> A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.																																																					
<b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.																																																					
<b>SEND ALL CORRESPONDENCE TO:</b> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;">         correspondence address associated with Customer No.27387   <div style="text-align: center;">   <b>27387</b>  <small>PATENT TRADEMARK OFFICE</small> </div> </div>																																																					
<div style="text-align: center; margin-top: 20px;">           SIGNATURE   <b>Bruce S. Londa</b>          NAME   <b>33,531</b>          REGISTRATION NUMBER   <b>March 20, 2002</b>          DATE       </div>																																																					

**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**

Applicant(s): Jan van der Greef et al.

Docket No.

101137-31

Serial No.  
09/980,646Filing Date  
Oct. 26, 2001Examiner  
TBAGroup Art Unit  
TBA

Invention: Identification of Ligands for Orphan Receptors Using Mass Spectrometry

I hereby certify that the following correspondence:

declaration and copy of Notification of Missing Requirements

*(Identify type of correspondence)*

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on

March 20, 2002*(Date)*Kathleen D. Monical*(Typed or Printed Name of Person Mailing Correspondence)*

*(Signature of Person Mailing Correspondence)*EV 015942408 US*("Express Mail" Mailing Label Number)*

Note: Each paper must have its own certificate of mailing.